

-2- (WPAT)

AN - 91-138094/19

XRAM- C91-059794

XRPX- N91-105940

TI - Core sheath type solid composite short fibre having fragrance - comprises olefin polymer compsn. contg. an essential oil as core part and polyester as sheath part

DC - A17 A60 D22 D23 F01 P27 Q39

PA - (TEIJ ) TEIJIN LTD

PR - 89.08.11 89JP-206876

NUM - 2 patent(s) 1 country(s)

PN -- JP03076815 A 91.04.02 \* (9119)

- JP96026485 B2 96.03.13 (9615) 6p D01F-008/06

Based on JP3076815

AP -- 89JP-206876 89.08.11

- 89JP-206876 89.08.11

IC1 - D01F-008/06

IC2 - A47G-009/00 A47G-009/02 B68G-001/00 D01F-006/30 D01F-006/46  
D01F-008/14

ICA - D04H-001/42

AB - JP3076815 A

Fibre comprises a core sheath type composite short fibre comprising of olefinic polymer compsn. contg. 0.1-5 wt.% an essential oil as core part and polyester as sheath part. (A) an olefine polymer consisting of substantially alpha-olefine and having no polar gp. is of 98-50 wt.%. (B) an modified olefine polymer copolymerised 3-30 wt.% of at least one of unsatd. carboxylic acid, unsatd. alcohol and ester, acid anhydride or amide is of 2-50 wt.%.

Pref. the essential oil is that of a Japanese cypress, peppermint, eucalyptus, camphor etc. The polymer consists of core part consisting of 89-50 wt.%, pref. 98-70 wt.% of (A) and 2-50 wt.%, pref. 2-30 wt.% of (B). Polymerising monomer contg. in (B) is, e.g., acrylic acid methacrylic acid, maleic acid, fumaric acid and lower alkyl ester or amide thereof, maleic anhydride, vinyl acetate etc.

USE/ADVANTAGE: - The core sheath type solid composite short fibre having fragrance is useful for wadding of a Futon, pillow, cushion, stuffed toy animal, or nonwoven fabric, clothings, bedding, interior, upholstery, household articles and the like. Fibre can be imparted with perfume effect such as a forest bath effect in a long period stably. (Dwg.0/0)